

Application No. 09/735,443
Amendment "C" to Office Action dated August 12, 2005
Reply to Office Action mailed April 12, 2005

AMENDMENTS TO THE CLAIMS:

The following listing of the claims replaces all prior versions and listing of the claims in the application:

1. (Currently Amended) A system for sending and receiving content from at least one server connected to a network, the system comprising:
 - a server that requests specified classes of information from the at least one server connected to the network, the server including:
 - an access module including:
 - a correlation data structure; and
 - a correlation module that correlates HTML code with specified classes of information using the correlation data structure;
 - a first access device of a first type connected to said network, the first access device including an interface having a touchpad with a plurality of numbered keys that, when selected by a user, cause the first access device to generate a signal;
 - a voice browser that converts the signal received from the first access device into HTML code that is transmitted to the access module, wherein the correlation module of the access module uses the correlation data structure to correlate the HTML code with a request for a specified class of information, the server requesting the specified class of information from the at least one server;
 - a second access device of a second type connected to said network, the second access device including an interface having an icon group arranged similarly to the touchpad such that the icon group and the touchpad present a uniform user interface, wherein an icon of the icon group, when selected by the user, causes the second access device to generate the HTML code that is correlated by the correlation module of the access module with the request for the specified class of information, the server requesting the specified class of information from the at least one server; and
 - a computer-readable medium having stored thereon computer-executable instructions for associating the specified classes of information with particular keys of the plurality of keys and with particular icons of the icon group.

Application No. 09/735,443
Amendment "C" to Office Action dated August 12, 2005
Reply to Office Action mailed April 12, 2005

2. (Previously Presented) A system as recited in claim 1, wherein the first access device comprises a display device on which the user interface is displayed.
3. (Previously Presented) A system as recited in claim 1, wherein the request for the specified class of information is received by the server that services the request for the specified class of information.
4. (Previously Presented) A system as recited in claim 1, wherein the touchpad comprises an alphanumeric touchpad.
5. (Previously Presented) A system as recited in claim 1, wherein the first access device comprises a touchtone telephone including a numeric touchpad of a touchtone telephone, and wherein the second access device comprises a computer.
6. (Currently Amended) A system for sending and receiving content from at least one server connected to a network, the system comprising:
 - a server having an access module that connects with the at least one server over a network, the access module comprising a correlation module that correlates a request with specified classes of information using a correlation data structure;
 - a first access device of a first type connected to said network through the access module, the first access device including:
 - an interface including a numeric touchpad, the numeric touchpad having a plurality of numbered keys that, when selected by the user, cause the first access device to generate a signal associated with specified classes of information from the at least one server; and
 - an output device for outputting the specified classes of information that the first access device receives;
 - a voice browser that converts the signal generated by the first access device into a request for the specified classes of information from the at least one server, the voice browser transmitting the request to the access module;

Application No. 09/735,443
Amendment "C" to Office Action dated August 12, 2005
Reply to Office Action mailed April 12, 2005

a second access device of a second type connected to said network through the access module, the second access device having an icon group arranged similarly to the numeric touchpad of the first access device such that the numeric touchpad and the icon group present a uniform user interface, wherein an icon of the icon group, when selected by the user, causes the second access device to request the specified classes of information from the access module; and

a computer-readable medium at the access module, the computer-readable medium having stored thereon computer-executable instructions for associating the specified classes of information with particular keys of the plurality of keys and with particular icons of the icon group.

7. (Previously Presented) A system as recited in claim 6, wherein the interface of the first access device comprises a display device, wherein the display device is capable of displaying the numeric touchpad.

8. (Previously Presented) A system as recited in claim 6, wherein the icon group is generated by the at least one server.

9. (Original) A system as recited in claim 6, wherein the output device comprises a video display device.

10. (Original) A system as recited in claim 6, wherein the output device comprises an audio speaker device.

11. (Previously Presented) A system as recited in claim 6, wherein the second access device comprises a computer system.

Application No. 09/735,443
Amendment "C" to Office Action dated August 12, 2005
Reply to Office Action mailed April 12, 2005

12. (Currently Amended) In one or more access devices that are connected to a network by a one or more communication links, a method of providing an access device with access to information stored at at least one server, the method comprising:

receiving a request from at least one of a first access device and a second access device, wherein the first access device has a first numeric touchpad that generates a first signal in response to selection of a particular key on the numeric touchpad and the second access device includes a representation of the first numeric touchpad that generates HTML code in response to a particular icon included in the representation of the first numeric touchpad, wherein the first numeric touchpad and the representation of the first numeric touchpad present a uniform user interface;

converting the first signal into the HTML code if the first access device does not automatically generate the HTML code;

identifying a specified class of information associated with the selected key on the first numeric touchpad and with the particular icon in the representation of the first numeric touchpad by correlating the HTML code with the specified class of information; and

transmitting a request for the specified class of information to the at least one server.

13. (Currently Amended) A method as recited in claim 12, wherein the display second access device comprises a video display device.

14. (Previously Presented) A method as recited in claim 13, wherein displaying the interface to the user comprises displaying the keys of the first numeric keypad on the video display device.

15. (Currently Amended) A method as recited in claim 14, wherein said second access device comprises a pointing device capable of selecting a particular key of the first numeric touchpad.

Application No. 09/735,443
Amendment "C" to Office Action dated August 12, 2005
Reply to Office Action mailed April 12, 2005

16. (Previously Presented) A method as recited in claim 12, wherein receiving input in response to a selection of a particular key on the first numeric keypad comprises depressing the particular key on the numeric keypad.

17. (Previously Presented) A method as recited in claim 12, wherein transmitting a request for the specified class of information to the at least one server comprises transmitting the request over the network system.

18. (Original) A method as recited in claim 12, wherein the access device comprises a computer system.

19-25. (Cancelled)

26. (Currently Amended) A system for sending and receiving content from at least one server connected to a network, the system comprising:

a voice browser that receives a signal from a first access device that includes a touchpad with a plurality of keys that, when selected by a user, cause the access device to generate the signal, the voice browser converting the signal into an HTML code for a specified class of information from the at least one server; and

a server having an access module that connects with at least one of the voice browser and with a second access device of a second type, the second access device having an icon group arranged similarly to the touchpad such that the touchpad and the icon group present a uniform user interface, wherein an icon of the icon group, when selected by the user, causes the second access device to generate the HTML code for the specified class of information from the at least one server; and

wherein the access module receives the HTML code from at least one of the voice browser and the second access device, the access module accessing the specified class of information associated with a particular key or a particular icon selected by the user using a correlation data structure to correlate the HTML code with the specified class of information,

Application No. 09/735,443
Amendment "C" to Office Action dated August 12, 2005
Reply to Office Action mailed April 12, 2005

the access module requesting the specified class of information from the at least one server over the network.

27. (Previously Presented) A system as defined in claim 26, wherein the second access device is a computer and the icon group is configured to represent the touchpad of the first access device.

28. (Previously Presented) A system as defined in claim 27, wherein the first access device is a telephone and the signal generated by the access device is a dual tone multi-frequency signal.

29. (Previously Presented) A system as defined in claim 26, wherein the second access device further comprises a display for displaying a response from the access module

30. (Previously Presented) A system as defined in claim 26, wherein the access module returns HTML code to the voice browser in response to the request for the specified class of information and the voice browser converts the HTML code into speech with a text to speech module.

31. (Previously Presented) A system as defined in claim 30, wherein the first access device further comprises an audio output for delivering the speech.

32. (Currently Amended) A computer program product for implementing a method of providing one or more access devices with access to specific classes of information stored on at least one server, the computer program product comprising:

a computer-readable medium carrying computer-executable instructions for implementing the method, the method comprising:

receiving input selecting a particular key of a numeric touchpad of a first access device or from a particular icon of an icon group displayed on a second access device, wherein the icon group is configured to resemble the numeric touchpad such

Application No. 09/735,443
Amendment "C" to Office Action dated August 12, 2005
Reply to Office Action mailed April 12, 2005

that the numeric touchpad and the icon group present a uniform user interface;

converting the input from the first access device into an HTML code using a voice browser, wherein the input is at least one of a voice command and a DTMF tone, wherein the second access device generates the HTML code;

identifying a specific class of information from the HTML code using a correlation data structure, wherein the specific class of information is associated with both the particular key of the first access device and with the particular icon of the second access device; and

transmitting the HTML code to a server for the specific class of information device.